



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

(2183)

A N

I N D E X

To the XXIV Volume of the

Philosophical Transactions.

For the Years 1704 and 1705.

From Number 289, to Number 304 inclusive.

A.

*A*Donis, the Fable explained, N. 300. p. 2033.

Agamemnon descended from the ancient *Swedes*, N. 301. p. 2062.

Age of Manuscripts, &c. how to be judged of, N. 300. p. 1993.

Ages of the World fix, according to the ancient *Swedes*, N. 301 p. 2070.

Air not the cause of Restitution in Springs, N. 294. p. 1788.

Whether its greater Refraction alters the Pendulum between the Tropicks, N. 294. p. 1789.

Alabaſter examined with a Microscope, N. 289. p. 1552.

Aloes Leaves Juice and Salts examined with a Microscope, N. 293. p. 1731.

Ambar, a Treatise of its Nature, N. 290. p. 1591.

Ambar rubb'd, in Vacuo yields light, N. 304. p. 2166.

Animalcules discovered in Cochineel Eggs, N. 292. p. 1618.

Some small ones found on the Roots of Duckweed, with other much smaller eating into them, N. 295. p. 1787:

K k k k k k k k k k k k k k k k 2

How

How they rise and sink

in Water, N. 295. p. 1789.

Some found in foul Gut-
ters, N. 295. p. 1790.

Animals of Carolina, N. 299.
p. 1970.

Antiquities. Coins, Norman
and Roman, at York, N. 303.
p. 2127. & 2148.

A Leadn Coffin in a
Roman Burying-place,
N. 296. p. 1864.

A safe Guide to search-
ers after Antiquities,
N. 300. p. 2014.

Art of Embalming dead Bo-
dies, N. 302. p. 1101.

Arteries, and their Valves
boney, N. 299. p. 1970.

De Arthritide Tractatus, &c.
N. 291. p. 1597.

Astroites jointed observed,
N. 294. p. 1780.

Astronomiæ Cometiciæ Synopsis,
N. 297. p. 1882.

Astronomy of the ancient
Swedes, N. 301. p.
2070.

Atmosphere, its state before the
great Storm in November
1703. N. 289. p. 1532.

See Weather and Barometer.

Attrition, its Effect in *Vacuo*,
N. 304. p. 2165.

B.

Balls voided *per anum*, N.
291. p. 1595. N. 304.
p. 2164.

Barkes of several Plants exa-
mined, N. 296. p. 1843.

Baroscope of a new invention,
N. 290. p. 1597.

Barometrical Observations, N.
290. p. 1602.

Barometer, its height before
the great Storm, N. 289.
p. 1532.

The cause of its descent
in Storms, N. 292. p.
1629.

See Weather.

Bleeding largely good in a Ca-
lentine, N. 290. N. 1563.

Blood issuing out at several
parts of the Body, N. 303.
p. 2144.

Bodys drown'd have no
Water in their Cavities,
N. 303. p. 2152.

Bones of an Human Foetus
voided many years after at
an Imposthume, N. 302.
p. 2077.

Burial Ceremonies vindicated,
N. 302. p. 1103.

Burning from attrition, N.
304. p. 2166. & 2171.

C.

Calentine, an account of it,
N. 290. p. 1562. Co.

- Corigueya*. See *Opossum*.
Carolina Animals, Shells and Fossiles, N. 299. p. 1952.
Cartilaginous concreting of the Intestines, N. 303. p. 2118.
Chalk in *Wales* and *Ireland* different from that in *Essex*, &c. N. 291. p. 1566.
Chelidonium majus, its juice examin'd, N. 296. p. 1700.
China and *Chusan* Observations of the Weather, N. 292. p. 1639 and 1648.
Cherry Tree Bark examined, N. 296. p. 1844.
Cinnamon Bark examined, N. 296. p. 1843.
Climbing Plants, see *Plants*.
Cochineele shewn to be an Insect, N. 292. p. 1616.
Coins, *Norman* and *Roman*, at *York*, N. 303. p. 2127. & 2148.
Cork viewed with a Microscope, N. 296. p. 1853.
Coral, of its growing, N. 304. p. 2160.
Cornea tunica of *Fish* examin'd, N. 293. p. 1728.
Costiveness, an extraordinary case, N. 302. p. 2111.
Crystal wild of *Switzerland*, N. 298. p. 1906.
Crystalline humour of *Whales* examin'd, N. 293. p. 1724.
- Cucullus lævis caeruleo-flavus*, N. 293. p. 1749.
Cuma amongst the *Swedes*, N. 301. p. 2074.
- D.
- Death-watch* described, N. 291. p. 1586.
Dencalion and *Pyrrha*, whence the Fable, N. 300. p. 2020.
Diamonds, a conjecture of their formation, N. 289. p. 1547.
Dodona, whence the Name, N. 301. p. 2077.
Doses of *Medicines* how to be proportioned, N. 303. p. 2119.
Druids fold, *Echiniteæ* and other petrifications, as *Stones* of great virtue, N. 291. p. 1566.
Dropsical Body dissected, N. 299. p. 1977.
Duck-weed, the *Animalcules* on its *Roots* view'd, N. 295. p. 1784.
- E.
- Ear* Humane described, N. 299. p. 1978.
Earthquake in some of the North parts of *England*, N. 289. p. 1555.
Easter, of the Rule to find it, N. 303. p. 2123.
Eclipses

Eclipses of the Sun near Boston in New England, Jun. 12. 1694. N. 291. p. 2630. In England, Nov. 27. 1703. N. 292. p. 1634.

Of the Moon, Dec. 12. 1703. N. 291. p. 1594. Feb. 11. 1700. N. 292. p. 1633. Dec. 12. 1703. N. 292. p. 1635. Dec. 11. 1704. N. 292. p. 1637.

Embalming, the Art, N. 302. p. 1101.

Eruption of Blood from many parts of the Body, N. 303. p. 2144.

Excretions horny on the Fingers, N. 297. p. 1899.

Eyes of Fish examined, N. 293. p. 1724.

Eye-lids, their use, N. 293. p. 1729.

F.

Fœtus receives no nourishment by the Mouth, N. 304. p. 2176.

Fœtus, its Bones voided at an Imposthume many years after, N. 302. p. 2077.

Fasts of the ancient Northern Nations, N. 300. p. 2035.

Fire, the necessity of Air to produce it, N. 304. p. 2168.

Fish, the yellow Gurnard described, N. 293. p. 1749.

Fossile Shells, a Catalogue of some found at Harwich Cliff, N. 291. p. 1568, 1577 & 1604.

Fossiles in Switzerland, N. 291. p. 1605. N. 294. p. 1774. N. 301. p. 2042.

Fossiles microscopically examin'd, N. 295. p. 1775.

Fossiles consist mostly of Sulphur, N. 294. p. 1776.

Fossiles from Carolina, N. 299. p. 1960.

G.

Generation by an aura seminalis, a difficulty hard to be solved by its maintainers, N. 290. p. 1585.

Generation of Worms in Sheeps Heads, N. 295. p. 1800.

Of Insects in Sheeps Livers, N. 289. p. 1522.

Of the Cochineele Insect, N. 292. p. 1618.

Geolatria of the ancient Swedes N. 300. p. 2025.

Glass to look upon the Sun without the hurt to the Eyes, N. 291. p. 1581.

Grass grows plentifully after being overflowed by Salt Water, N. 295. p. 1793.

Gunpowder fired in Vacuo, with the quality of the Air thence produced, N. 295. p. 1806.

Guts see Intestines.

H.

H

- H**armick-Cliff and Fossils there, N. 291. p. 1568.
Heliolatria of the ancient Northern Nations, N. 300. p. 2016.
Hieroglyphick Representations of the Sun, N. 300. p. 2024.
Hornlike Excrescences on the Fingers, N. 297. p. 1899.
Humor Cristaline of Whales, &c. examined, N. 293. p. 1724.
Hydatides voided by Stool, N. 295. p. 1797.
Hyperboreans stiled by Homer and Hesiod the most wise People, N. 300. p. 2032.
- I.
- I**Ce, Isen or Sifen the first Principle of all things, N. 300. p. 2026 and 2031.
Idolatry of the Atlanticks, N. 300. p. 2016.
Jesuits Bark, an account of the Plant, N. 290. p. 1596.
Immortality of the Soul held by the ancient Northern Nations, N. 300. p. 2029.
Impostume voiding the Bones of a Fætus, N. 302. p. 2077.
Inscriptio Tagis statuae, N. 302. p. 2076. See Antiquities.
Insects. The Death-Watch described, N. 291. p. 1586.

- Cochineel* its generation and preparing, N. 292. p. 1615, &c.
Insects in Sheeps Heads, N. 292. p. 1800.
Insects in Sheeps Livers, N. 289. p. 1522.
Insects in Spain, N. 301. p. 2045.
Some *Insects* thought to be all Females, N. 292. p. 1615.
Insects in decayed Trees, N. 296. p. 1861.
- Instruments*. A new Barometer, N. 290. p. 1597.
One for seeing the Transit Stars over the Meridian, N. 291. p. 1578.
The *Hessian* Bellows improved, N. 300. p. 1990.
One to give swift motion in vacuo, N. 304. p. 2165.
- Intestines* concreted into Gristles, N. 303. p. 2118.
Ists or *Is* anciently the representation of the Earth, N. 300. p. 2029.
June whence so called, N. 300. p. 2020.
Jupiter in Sweden, N. 301. p. 2045.

L

Lapland Drum the Origin of the Timpanum used in the Sacrifices of Mater Deorum, N. 300. p. 2030 and 2037.

Leaden Coffin found in a Roman Burying place, N. 296 p. 1864.

Letters first invented in Sweden, N. 300. p. 2029.

Light from Mercury in vacuo, N. 296. p. 1865.

Light from Attrition in vacuo N. 304. p. 2166.

Lime Tree Bark viewed with a Microscope, N. 298. p. 1850.

De Locis Solidis divinatione Geometrica, N. 291. p. 1607.

M.

Magnetical Experiments of destroying, altering and confounding the Verticity in toucht Wires, N. 303. p. 2136, &c.

Magog, Attinus and Atlas the same N. 301. p. 2073.

Manuscripts how to judge of their Ages, N. 300. p. 2012.

Marble Italian examined, N. 289. p. 1547.

Mathematicks. Propositæ curvæ geometricæ alias innumeras longitudine æquales invenire, N. 289. p. 1527.

De Locis solidis Divinatione Geometrica, N. 291. p. 1607.

De Orbita Planetarum Cassiniana N. 293. p. 1704.

Astronomiæ Cometicæ Synopsis, N. 297. p. 1882.

Doctrine of Combinations and the Alterations compleated, N. 299. p. 1961.

Theorema, &c. de investigatione foci distantia a speculi Vertice, N. 298. p. 1810.

Mathematical Instruments See Instruments.

Viviani's Mathematical Works, N. 291. p. 1607.

Eclipses, see Eclipses.

De Medicamentorum operationibus Problema, N. 293. p. 1753.

Mensa Ifiaca, an account of it, N. 300. p. 2039.

Mercurys Caduceus whence, N. 301. p. 2062.

Mercurial Phosphorus, N. 303. p. 2129.

Metalline Steams whether the cause of Storms, N. 298. p. 1941.

Mi-

- Microscopical* Observations.
 Of Sand, N. 289. p. 1537.
 Of Marble, N. 289. p. 1547.
 Of some Stones, N. 289. p. 1551.
 Of several Barks, N. 296. p. 1843.
 Of Vitriify'd Salts of calcined Hay, N. 296. p. 1858.
 Of Insects, see Insects.
Minerals, Fossils and Stones, N. 291. p. 1604.
Minerals and Fossils from Prussia, N. 302. p. 2082.
Motala River, of its Prognostick stopping, N. 298. p. 1943.
Musick, its Theory reduced to Arithmetick and Geometry, N. 302. p. 2072.
 Musick, its incredible variety, N. 299. p. 1969. N.
Names of the week-days whence, N. 300. p. 2019.
Norman Coins found at York, N. 303. p. 2127.
Norland sends yearly vast quantities of Birds to Sweden, N. 300. p. 2028.
Numbers of words possible from the 24 Letters, and of the prodigious variety of Musick, N. 299. p. 1969.
- Numerical* Letters first in Sweden, N. 300. p. 2019. O.
Opposum described and dissected, N. 290. p. 1565.
Opticks, see Mathematics.
Orbita Planetarum Cassiniaca, see Mathematics. P.
Pendules, a Query, as their different length between the Tropicks, &c. N. 294. p. 1789.
Petrifications, Petrify'd Water at the tops of Caves, N. 289. p. 1547.
 Petrify'd Shells sold by the *Druides* as miraculus, N. 291. p. 1566: & 1604.
Petrifications only of three sorts, and their cause, N. 291. p. 1571.
 Some from Prussia, N. 302. p. 2082.
 Hewn Wood petrified, N. 291. p. 1570.
Pewter Irish money, N. 297. p. 1875.
Phoenix, the Fable explained, N. 300. p. 1023.
Phosphorus Mercurial, see Mercury.
Phosphorus Solid, see Light.
Pin in a Fowls Gizzard, N. 301. p. 2045.

- Planets*, an Instrument to observe their transit ever the Meridian, N. 291. p. 1578.
- Planetarum Orbita Cassiniana*, N. 293. p. 1704.
- Plants*. Jesuit's Bark examined and the Plant described, N. 290. p. 1596.
- Plant* on which the Chineseel-Insect feeds, N. 292. p. 1616.
- Plantæ Philippenses*, N. 293. p. 1707. N. 295. p. 1809. N. 296. p. 1816.
- Juice* of *Chelidoneum majus Aloe*, &c. examined, N. 293. p. 1730.
- Barkes* of *Plants*, see *Barks*.
- Cause* of Decay in some *Trees*, N. 296. p. 1861.
- Plants* in *Spain*, N. 301. p. 2045.
- Plato's Atlantis* in *Sweden*, N. 300. p. 2012.
- Plumb stones* swallowed, the mischief, N. 304. p. 2164.
- Polar Star*, how to observe its coming to the Meridian, N. 291. p. 1582.
- Polyd.*, its feed and propagation, N. 297. p. 1868.
- Propagation* of Sound, see *Sounds*.
- Proserpina*, whence the Fable, N. 300. p. 2032.
- Pumice* Stones, see *Stones*.
- Pygmy* whence, N. 301. p. 2082.
- R.
- Rain*, Quantity fallen in a year, N. 297. p. 1879.
- Rebounding* of *Bodies* in *Vacuo*, N. 298. p. 1946.
- Register* of *Weather*, see *Weather*.
- Roman* Antiquities, see *Antiquities*.
- Runick* Letters and Learning, &c. N. 301. p. 2058.
- Run-staff*, its wonderful performances, N. 300. p. 2039.
- S.
- Salt* of *Marble* examined, N. 289. p. 1549.
- Of Alces* and *Tobacco*, N. 293. p. 1739. 1740.
- Of Cristal*, N. 298. p. 1906.
- Sand* Microscopically viewed, N. 289. p. 1537.
- Sea Water*, see *Water*.
- Scurrous Tumour* in the *Breast*, N. 300. p. 2009.
- Sele-

- Selenolatria* of the Ancients, N. 300. p. 2035.
Sheep, Insects in them, see Insects.
Shells fossil, N. 291 p. 1566, 1568.
 Microscopical observations of them, N. 294. p. 1774.
 Some from *Carolina*, N. 299. p. 1952.
 Some from *Zurich*, N. 301. p. 2042.
Sleep very extraordinary in a Person, N. 304. p. 2177.
Small how made, N. 293. p. 1755.
Solution of Silver staining the Skin, &c. N. 295. p. 1794.
Sounds, their propagation in Rarefy'd and Condensed Air, N. 297. p. 1904.
Spherico-catoptrick Theoreme, N. 295. p. 1810.
Sponges, observations on them, N. 304. p. 2159, &c.
Spots in the Sun, N. 294. p. 1756.
Springs, their restitution not caused by Air, N. 294. p. 1788.
Springs near *Vetter* foretelling storms, N. 298. p. 1944.
Stones, some sorts examined, N. 289. p. 1544, &c.
- Echinites* sold by the *Druids* as miraculous, N. 291. p. 1566.
Harwick-Cliff stones, N. 291. p. 1568. & 1577.
Astroites, N. 294. p. 1780.
 Large ones voided by Urine, N. 295. p. 1804.
 Large ones voided by Stool, see Balls.
Stones of Plumbs swallowed dangerous, N. 304. p. 2164.
Pumice-stones examined, N. 304. p. 2156.
Storm, an account of the great one in *Novemb.* 1703. N. 289. p. 1530.
 State of the Air some time before it, N. 289. p. 1532.
 Cause of the fall of the Barometer before Storms, N. 292. p. 1629.
Subterraneous Vaults, &c. N. 302. p. 1780.
Sulphur reduced to very small particles, N. 294. p. 1777.
Sun, its divers Names, N. 300. p. 2017.
Sun and Moon anciently believed to be carried in Ships, N. 300. p. 2031.
Sun-worship, see Heliolatry.

T.

T Agis statuae Inscriptio, N. 302. p. 2076.

Terrestrial Animals how to be ranked, N. 290. p. 1566.

Theorema Spherico-catoptricum, &c. N. 295. p. 1810.

Theory of Musick, see Musick.

Thor, the Belzebub of the Jews, N. 301. p. 2077.

Timpanum Matris Deorum, N. 300. p. 2037.

Tobacco ashes examined, N. 293. p. 1740.

Twisting-wires alters the Ver-ticity, N. 303, p. 2139.

V.

V Alves in the great Artery boney, N. 299. p. 1971.

Vetter Lake described, N. 298. p. 1938.

Vibration of Pendules in Va-cuo, N. 294. p. 1787.

Voula and parts adjoyning described, N. 299. p. 1984.

W.

W Arts cured with *Aqua for-tis*, N. 295. p. 1796.

Water, none in Bodies drown'd, N. 303. p. 2152.

Water, salt makes ground fruitful, N. 295. p. 1793.

Water carried a great way in a Storm, N.

289. p. 1530 & 1535.

Weather. Observations in a Voy-age to *China*, N. 292. p. 1639.

Observations at *Chusan*, N. 292. p. 1648.

Observations in 1703. N. 297. p. 1877.

Observations at *Oates* in *Es-sex*, 1692. N. 298. p. 1917.

Week, whence named, N. 300. p. 2019.

Whales Flesh examined, N. 293. p. 1723.

Wind great one in *Nov.* 1703. N. 289. p. 1530.

Wood petrified, N. 291. p. 1670.

Worms in Sheep, see Insects.

Books abstracted in this Volume.

A Picij Coelij de Opsonijs & Condi-mentis cum Annot. Doctoris Lister, N. 294. p. 1782.

Art of Embalming, &c. by *Tho. Greenhill*, N. 302. p. 1101.

De Aure humana, &c. Auth. Antonio Maria Valsava, N. 299. p. 1978.

Conradi Beckeri Paradoxum, &c. de submersorum morte sine aqua pota, N. 303. p. 2152.

Euclidis opera gr. & lat. N. 289. p. 1558.

Lexicon Technicum Auth. Harris, N. 292. p. 1699.

De Locis Solidis Divinatio Geome-trica Auth. Vincentio Viviani, N. 291. p. 1607.

Lithographia Helveticae Specimen, Auth. Joh. Jacob. Scheuchero, N. 291. p. 1604.

Gulielmi Musgrave Epist. de Arthri-tide, N. 291. p. 1597.

Olaus Rudbeck Atlanticae Pars 2da, N. 300. p. 2012.

Ejusdem Pars 3tia, N. 301. p. 2057.